

Title (en)

Room-temperature-curable organopolysiloxane compositions

Title (de)

Kalthärtende Organopolysiloxanzusammensetzungen

Title (fr)

Compositions d'organopolysiloxane réticulables à température ambiante

Publication

EP 0709435 A3 19961204 (EN)

Application

EP 95307680 A 19951027

Priority

JP 28893094 A 19941028

Abstract (en)

[origin: EP0709435A2] A highly storage-stable room-temperature-curable organopolysiloxane composition, that cures to yield a product whose surface resists staining and that does not cause staining of the neighboring regions of the substrate in contact with said cured product, is made from a polydiorganosiloxane having silanol or a silicon-bonded hydrolyzable group at both molecular chain terminals, with the proviso that this polydiorganosiloxane does not contain the imidazolynyl radical bonded to silicon; an imidazolynyl-functional organosiloxane having at least one imidazolynyl radical with the following general formula bonded to silicon <CHEM> wherein R<1> is a C1 to C50 divalent hydrocarbon radical, each R<2> is hydrogen atom or a C1 to C50 monovalent hydrocarbon radical, and R<3> is a C2 to C50 monovalent hydrocarbon radical having aliphatic unsaturation; a filler; and a crosslinking compound which is a Si-bonded hydrolyzable group-containing organosilane or organosiloxane oligomer.

IPC 1-7

C08L 83/04

IPC 8 full level

C08K 3/00 (2006.01); **C08K 5/5419** (2006.01); **C08K 5/5425** (2006.01); **C08K 5/544** (2006.01); **C08L 83/04** (2006.01); **C08L 83/08** (2006.01)

CPC (source: EP KR US)

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C-Set (source: EP US)

1. **C08L 83/04 + C08L 2666/44**
2. **C08L 83/04 + C08L 83/00**
3. **C08L 83/04 + C08L 83/00 + C08L 2666/44**

Citation (search report)

- [A] EP 0267126 A1 19880511 - RHONE POULENC CHIMIE [FR]
- [A] US 4467063 A 19840821 - LOCKHART THOMAS P [US]
- [DA] EP 0210442 A2 19870204 - TORAY SILICONE CO [JP]

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DOCDB simple family (publication)

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